

1. A computer program product, comprising:
 - a computer readable medium storing computer program instructions for a computer program that facilitates editing of a motion picture using motion video data on a computer, wherein the computer program, when executed by a computer provides a graphical user interface, comprising:
 - a viewer window on a display for the computer for viewing motion video data;
 - and
 - a timeline region on the display and nonoverlapping with the viewer window for displaying a timeline representing selections of the motion video data in a temporal order that specifies the motion picture;
 - wherein each selection of the motion video data is represented by a clip object displayed on the timeline and having a size and a position on the timeline corresponding to a position of the selection in the motion picture being edited and a duration of the selection, and wherein each clip object includes trim handles for the user to select an edge of the clip object to perform a trim operation by dragging the edge of the clip object to a desired trim point, thereby adjusting the size of the clip object and the duration of the corresponding selection of motion video data.
2. The computer program product of claim 1, wherein the trim operation is a trim right operation that removes frames from an incoming edge of a clip.
3. The computer program product of claim 1, wherein the trim operation is a trim right operation that adds frames to an outgoing edge of a clip.
4. The computer program product of claim 1, wherein the trim operation is a trim left operation that adds frames to an incoming edge of a clip.
5. The computer program product of claim 1, wherein the trim operation is a trim left operation that removes frames from an outgoing edge of a clip.

6. The computer program product of claim 1, wherein each clip object has a start point and a stop point in the selection of motion video data and wherein the graphical user interface enforces boundary conditions on the trim operation.
7. The computer program product of claim 6, wherein the boundary conditions includes a requirement that the start point precede the stop point in the selection of motion video
8. The computer program product of claim 6, wherein the boundary conditions include a requirement that the start point and the stop point are separated by at least one frame.
9. The computer program product of claim 6, wherein the boundary conditions include a requirement that the start point and the stop point are within the selection of motion video data available in a corresponding data file for storing the selection of motion video data.
10. A graphical user interface for computer-based editing of video using a timeline wherein the timeline includes representations of clips of video, wherein each clip has a duration on the timeline, and wherein the graphical user interface includes trim handles for the user to select an edge of a clip and to perform a trim operation by dragging the edge of the clip to a desired trim point.
11. The computer program product of claim 10, wherein the trim operation is a trim right operation that removes frames from an incoming edge of a clip.
12. The computer program product of claim 10, wherein the trim operation is a trim right operation that adds frames to an outgoing edge of a clip.
13. The computer program product of claim 10, wherein the trim operation is a trim left operation that adds frames to an incoming edge of a clip.
14. The computer program product of claim 10, wherein the trim operation is a trim left operation that removes frames from an outgoing edge of a clip.

15. The computer program product of claim 10, wherein each clip object has a start point and a stop point in the selection of motion video data and wherein the graphical user interface enforces boundary conditions on the trim operation.

16. The computer program product of claim 15, wherein the boundary conditions includes a requirement that the start point precede the stop point in the selection of motion video

17. The computer program product of claim 15, wherein the boundary conditions include a requirement that the start point and the stop point are separated by at least one frame.

18. The computer program product of claim 15, wherein the boundary conditions include a requirement that the start point and the stop point are within the selection of motion video data available in a corresponding data file for storing the selection of motion video data.